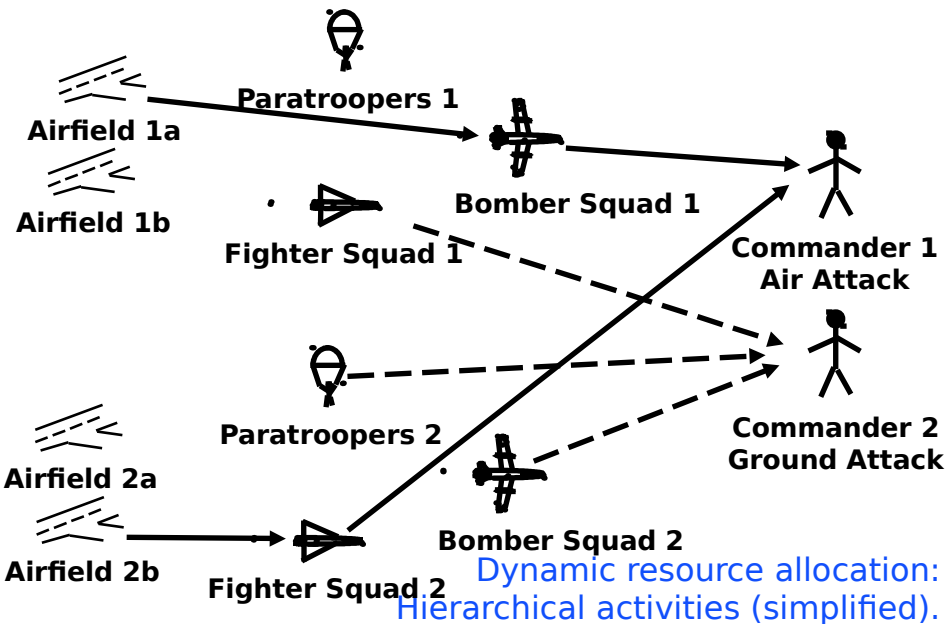


A Market-Based Adaptive Architecture for Information Survivability



New Ideas

- Market-driven allocation of resources to critical tasks in the face of information-warfare attacks
- Decentralized multilevel model links application and computational services
- General architecture for development of computational market systems
 - **MARX: Michigan Adaptive Resource eXchange**
 - Market-aware software agents

Impact

- Distributed system resources allocated to most valuable activities, in normal and degraded environments.
- Military and civilian information infrastructure more robust to *successful* attacks and other disturbances.
- New market-based interfaces to connect distributed information services.
- Methodologies for design and analysis of highly adaptive systems.

Schedule

